

VOL'FKOVICH, Ya.Ye.

Statistics of electrical injuries in Switzerland during 1957.  
(from "Bulletin SEV", no.5, 1959). Prom.energ. 15 no.6:46-47  
Je '60. (MIRA 13:7)  
(Switzerland--Electricity, Injuries from)

VOL'KOVICH, Ya.Ye.

High frequency generators (from "Electrical times." no.3-93,  
1958). Avt.dor. 23 no.1:46-47 Ja '60. (MIRA 13:5)  
(Electric generators)

AUTHOR: ~~Vol'fkovich, Ya.Ye.~~ SOV/94-58-11-16/28  
TITLE: The Application of Computers for the Automatic Control  
of Continuous Production Processes (Primeneniye  
tsifrovoy vychislitel'noy mashiny dlya avtomaticheskogo  
upravleniya nepreryvnymi proizvodstvennymi protsessami)  
PERIODICAL: Promyshlennaya Energetika, 1958, Nr 11, p 30 (USSR)  
ABSTRACT: A brief note on American development taken from  
Mechanical Engineering 1958, Nr 3. There are 3 figures  
and 1 literature reference (English)

Card 1/1

AUTHOR: Vol'fkovich, Ya.Ye. SOV/94-58-11-15/28  
TITLE: Magnetic Tool Holders (Magnitnyye derzhateli dlya  
instrumentov)  
PERIODICAL: Promyshlennaya Energetika, 1958, Nr 11, p 30 (USSR)  
ABSTRACT: A brief note on a magnetic device installed on a  
conveyor for dipping tools in lacquer in use in  
General Electric, U.S.A. There is 1 figure and  
1 literature reference (English)

Card 1/1

AUTHOR: Vol'fkovich, Ya.Ye. SOV/94-58-11-14/28  
TITLE: The Use of Semi-Conductor Triodes as Frequency  
Convertors (Primeneniye poluprovodnikovyykh triodov v  
kachestve preobrazovateley chastoty)  
PERIODICAL: Promyshlennaya Energetika, 1958, Nr 11, p 30 (USSR)  
ABSTRACT: This is a brief note on articles published in Plant  
Engineering and Electric Light and Power on a  
frequency convertor for use with fluorescent lamps.  
There is 1 figure and 2 literature references (English)

Card 1/1

AUTHOR: Vol:fkovich, Ya. Ye. SOV/94-58-11-17/28  
TITLE: Electrical Accidents in Switzerland in 1956  
(Neschastnyye sluchai v elektricheskikh ustanovkakh  
Shveytsarii v 1956 g.)  
PERIODICAL: Promyshlennaya Energetika, 1958, Nr 11, pp 31-33 (USSR)  
ABSTRACT: This note gives four tables on electrical accidents  
in Switzerland taken from the SeV bulletin 1958, Nr 5  
with a brief commentary. There are 4 tables and  
1 literature reference (French)

Card 1/1

VOLFKOVICH, Ya.Ye.

Maintaining electric motors in operation during short voltage  
dips (from "Plant engineering," no.6 1957). Prom. energ. 13 no.5:  
30-31 My '58. (MIRA 11:8)  
(Electric motors) (Electric contactors)

VOL'FKOVICH, Ya. Ye.

Investigating the heating of equipment by means of infrared  
photography (from "Plant engineering," no.12 1957). Prom. energ.  
13 no.5:31-32 My '58. (MIRA 11:8)  
(Photography, Infrared)



VOL'FROVICH, Ya.Ye.

Electrotraumatism in the Federal Republic of Germany (from "ETZ",  
A, no.16, 1957 and "Elektrizitätswirtschaft," no.1, 1958).  
Prom. energ. 13 no.8:29-30 Ag '58. (MIRA 11:10)  
(Germany, West--Electricity, Injuries from)

VOZNEKOVICH, Ya. Ye.

VOL'FKOVICH, Ya. Ye., inzh.

Radio-controlled hydroelectric power plant (from "Electrical Times, " 131 no.3401 1957). Elek.sta. supplement no.6:31-33

N-D. '57.

(MIRA 11:2)

(Canada--Hydroelectric power stations)

(Remote control)

AUTHOR: Vol'fkovich, Ya. Ye. 94-2-14/27  
TITLE: Automatic programming control of a rolling mill. (Avtomaticheskoye programmnoye upravleniye prokatnym stanom.)  
PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13. No.2. pp.29 (USSR)  
ABSTRACT: At Jones & Laughlin's Aliquippa Works (U.S.A.), an automatic programming control equipment for a rolling-mill has been designed. This brief note is based on information given in an article in "Westinghouse Engineer" 1957, No.1. There is 1 literature reference (American).  
AVAILABLE: Library of Congress.  
1. Rolling mills-Control 2. Machine tools (Automatic)-Control

Card 1/1

AUTHOR: Vol'fkovich, Ya. Ye. 94-2-15/27  
TITLE: Statistics about electrical accidents in Belgium in 1954. (Statistika neschastnykh sluchayev v elektricheskikh ustanovkakh Bel'gii v 1954 g)  
PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13. No.2. pp.29-30 (USSR)  
ABSTRACT: This is a brief extract from a German article about electrical accidents in Belgium with relevant statistical tables, sub-divided to show the occupations of the persons injured, the number of accidents related to the output of electricity and the number of accidents per million population. In Belgium electrical accidents are fewer than in Western Germany and are decreasing, whilst the number in Western Germany is increasing. There are 3 tables and 1 literature reference (German).  
AVAILABLE: Library of Congress.  
1. Electrical accidents-Belgium-Tables

Card 1/1

94-2-16/27

AUTHOR: Vol'fkovich, Ya.Ye  
TITLE: Statistics on personal injuries in electrical installations in Austria in 1952-55. (Statisticheskiye dannyye o travmatizme v elektricheskikh ustanovkakh Avstrii za 1952-55 gg)  
PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13. No.2. pp.30-31 (USSR)  
ABSTRACT: This brief note gives an account of an article in a German journal. In Austria a large proportion of the accidents result from carelessness. There is 1 table.  
AVAILABLE: Library of Congress.

1. Electrical accidents-Austria-Tables

Card 1/1

VOL'FKOVICH, Ya.Ye.

Use of cables suspended from poles for electric power distribution  
networks (from "Electrical World," 152 no.24, 1959). Prom.energ.  
16 no.5:51 MY '61. (MIRA 14:7)  
(United States—Electric power distribution)

VOL'FKOVICH, Ya.Ye.

New design of busbars for workshop distribution networks (from  
"Plant Engineering," no.1, 1960, and "Power Engineering," no.2,  
1960). Prom.energ. 16 no.5:53-54 My '61. (MIRA 14:7)  
(United States—Electric power distribution)

Vol'fkovich, Ya. Ye.

94-3-16/26

AUTHOR: Vol'fkovich, Ya. Ye.

TITLE: A Coreless 50 c.p.s. Induction Furnace (Induktsionnaya  
pech' bez serdechnika na 50 gts)

PERIODICAL: Promyshlennaya Energetika, 1958, vol. 13, No. 3,  
p. 31 (USSR)

ABSTRACT: This article briefly describes an induction furnace  
installed at the works of International Combustion Ltd. in  
Derby, England. It is based on articles in "Electrical Times"  
and "The Engineer".  
There are 1 figure and 2 English references.

AVAILABLE: Library of Congress  
Card 1/1



Vol'fkovich, Ya. Ye.

94-3-17/26

AUTHOR: Vol'fkovich, Ya. Ye.

TITLE: The Control of Induction Motors by means of Saturating Chokes  
(Regulirovaniye asinkhronnykh dvigateley pri pomoshchi  
drosseley nasyshcheniya)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13, No.3,  
pp. 31 - 32 (USSR).

ABSTRACT: This short article describes a method of controlling  
induction motors by saturating chokes connected in series with  
the stator or the rotor. It is based on an article in "Power  
Apparatus and Systems".  
There is 1 English reference.

AVAILABLE: Library of Congress  
Card 1/1

VOL'FKOVICH, Ya.Ye., inzh.

Using rockets in the construction of electric lines. Energokhoz.  
za rub. no.5:46-47 S-O '59. (MIRA 13:2)  
(England--Electric lines)

VOL'FKOVICH, Ya.Ye., inzh.

The 46 kv substations with aluminum structures. *Energokhoz. za rub.*  
no.5:47 S-O '59. (MIRA 13:2)  
(United States--Electric substations)

VOL'FKOVICH, Ya.Ye., inzh.

Devices for use with rockets in the United States. *Energokhoz.*  
za rub. no.4:43-44 J1-Ag'60.

(MIRA 13:10)

(United States--Rockets(Aeronautics))

(United States--Welding--Equipment and supplies)

VOL'FKOVICH, Ya.Ye., inzh.

Static protective relay. Energokhoz. za rub. no.4:45-46 J1-Ag '60.  
(MIRA 13:10)

(United States---Electric protection) (Electric relays)

VOLEKOVICH, Ya.Ye.

Electromagnetic ball relays (from "Electrotechnische Zeitschrift -  
B," no.9, 1959). From: energ. 15 no.9:48-49 S '60. (MIRA 13:10)  
(United States--Electric relays)

VOL'FKOVICH, Ya.Ye.

Use of the slippage power of regulated asynchronous motors (from  
"Electrical Times," no.3549 1959). Prom. energ. 15 no.11:48  
N '60. (MIRA 14:9)

(Electric motors)

VOL'FKOVICH, Ya.Ye.

Automatic control of fuel oil operated water-heating boilers (from  
"Modern Power and Engineering," no.11 1959). Prom energ. 15  
no.11:48-49 N '60. (MIRA 14:9)  
(Water heaters) (Automatic control)



VOL'FKOVICH, Ya.Ye.

Use of eddy currents in the quality control of the production of  
metallic objects. Prom. energ. 16 no.8:45-46 Ag '61. (MIRA 14:9)  
(Automatic control) (Electric currents, Eddy)

VOL'FKOVICH, Ya.Ye.

Device for measuring small displacements (from "Modern Power and  
Engineering," no.4, 1960). Prom.energ. 16 no.10:43-44 0 '61.  
(MIRA 14:10)

(Electric transformers)

VOL'FKOVICH, Ya.Ye.

Magnetic meter for measuring the consumption of fluids with  
high and low electric conductivity (from "Control Engineering,"  
no.12, 1959). Prom.energ. 16 no.7:50-51 J1 '61. (MIRA 15:1)  
(Magnetic instruments)  
(Flowmeters)

VOL'FKOVICH, Ya. Ya.

Use of radioactive isotopes for locating leaks in pipelines (from  
"Plant Engineering", no.3 1960). Promenerg. 16 no.11:51-52  
N '61. (MIRA 14:10)  
(Pipelines) (Radioactive substances--Industrial applications)

VOL'FKOVICH, Ya.Ye.

New norms on electric lighting in the United States (from "Plant Engineering," no.9 1960). Prom.energ. 16 no.11:52-53 N '61.  
(MIRA 14:10)

(United States—Electric lighting)

VOL'FKOVICH, Ya.Ye.

Regulated d.c. drive with static equipment (from "Plant Engineering,"  
no.3 1960). Prom.energ. 16 no.11:53 N '61. (MIRA 14:10)  
(Electric motors, Direct current)

VOL'FKOVICH, Ya.Ye.

Braking device for obtaining "creeping" speeds in the motion of  
crane hooks (from "Modern Power and Engineering," no.3 1959).  
Prom. energ. 15 no.7:55 J1 '60. (MIRA 15:1)  
(Canada--Electric cranes)

VOL'FKOVICH, Ya.Ye.

Bus conductors for electric distribution networks in shops (from  
"Plant Engineering," no.4 1961). Prom.energ. 17 no.4:43-45  
Ap '62. (MIRA 15:4)  
(United States--Bus conductors (Electricity))



VOL'PKOVICH, Ya.Ye.

Transmission of gas meter readings using telephone lines (from  
"Control Engineering," no.11 1960). Prom.energ. 17 no.4:43  
Ap '62. (MIRA 15:4)

(United States—Telemetering)

VOL'FKOVICH, Ya.Ye.

Portable radio systems for two-way radio communication in a factory  
(from "Plant Engineering," no.5 1961). Prom.energ. 17 no.4:45  
Ap '62. (MIRA 15:4)  
(United States--Factories--Communication systems)

VOL'FKOVICH, Ya.Ya.

Dispatcher control of repair operations in a large factory (from  
"Plant Engineering," no.3, 1961). Prom.energ. 17 no.4:42-43  
Ap '62. (MIRA 15:4)  
(United States--Airplane industry and trade)

VOL'FKOVICH, Ya.Ye.

A static electric motor starting device (from "Automatic Control," no.11 1961). Prom.energ. 18 no.2:42 F '63. (MIRA 16:2)

(United States—Electric motors—Starting devices)

VOL'FKOVICH, Ya.Ye.

Machinery and automatic equipment of storage facilities of large industrial enterprises (from "Mechanical Engineering," no.2 1962).  
Prom.energ. 18 no.2:42-43 F '63. (MIRA 16:2)  
(United States—Electric equipment industry)

VOL'FROVICH, Ia.Ie.

A new system for supplying electric power to roller conveyer  
motors (from "BBC Mitteilungen," nos. 11 and 12 1961). Prom.  
energ. 18 no. 1:41-42 Ja '63. (MIRA 16:4)  
(Electric driving)  
(Rolling mills—Electric driving)

VOL'FKOVICH, Ya.Ye.

Block-type pipe panels for hydraulic pipelines (from "Plant  
Engineering," no.4, 1962). Prom.energ. 18 no.1:42 Ja '63.  
(MIRA 16:4)

(Hydraulic fluids)

VOL'FKOVICH, Ya. Ya.

Injuries from electricity in Austria in 1960. Prom. energ. 18  
no. 1:42-43 Ja '63. (MIRA 16:4)  
(Austria—Electricity, Injuries from)



VOL'FKOVICH, Ya.Ye.

Magnetic method for shaping metal objects (from "Mechanical  
Engineering," no.2 1862). Prom.energ. 18 no.4:39-40 Ap '63.  
(MIRA 16:4)  
(Metalwork) (Magnetic fields)

VOL'FKOVICH, Ya.Ye.

Magnetic gaaketing of shafts, (from "AEI Engineeering,"  
no.2 1962). Prom.energ. 18 no.4:38 Ap '63. (MIRA 16:4)  
(Shafting)

VOL'FKOVICH, Ye.Ye.

Electrostatic motor (from "Electrical Journal," no.9 1962).  
Prom.energ. 18 no.4:38-39 Ap '63. (MIRA 16:4)  
(Electric motors)

VOL'FKOVICH, Ya.Ye.

Electrostatic clamps for holding components during a machining process  
(from "Direct current," no.1 1961). Prom. energ. 17 no.8:39-40 Ag '62.

(MIRA 16:4)

(Machine tools—Equipment and supplies)

VOLODKOVICH, Ya.Ye.

Electrical heating of the control room of a substation by cables under the floor. Prom. energ. 17 no.8:40 Ag '62. (MIRA 16:4)  
(Electric substations—Heating and ventilation)

VOL'FKOVICH, Ya.Ye.

Reversing of single-phase asynchronous motors by switching phases  
(from "Electrical Engineering," no.1 1961). Prom. energ. 17 no.8:40  
Ag '62. (MIRA 16:4)  
(Electric motors, Induction)

VOL'FKOVICH, Ya.Ye.

Brushless electric motor with transistor commutation. Prom.  
energ. 19 no.8:42-43 Ag '64.

Industrial automatic protection devices. Ibid.:43-44  
(MIRA 17:11)

VOL'FMAN, I., nauchnyy sotrudnik

Poured window casements made of water-resistant gypsum.  
Sel'. stroi. 18 no.5:19-20 My '63. (MIRA 16:6)

1. Krasnodarskiy filial Nauchno-issledovatel'skogo instituta  
sel'skogo stroitel'stva.  
(Windows)



SAMOYLOV, M.A., kand. Lekhn. nauk; VOL'FMAN, I.D., inzh.

Self-adjusting reducing gear. Mashinostroenie no.5:52-67  
S-O '65. (MIRA 18:9)

KORMENDY, Karoly, dr.; (Budapest, VIII., Muzeum korut 4/b);  
SOHAR, Pal, dr. (Budapest, VII., Rottenbiller u. 26);  
VOLFORD, Janos (Budapest, XIV., Telepes u. 53)

Heterocyclic spiro compounds. pts. 1-2. Acta chimica Hung  
39 no.1:93-128 '63.

1. Department of Organic Chemistry, L. Eotvos University,  
Budapest, and Research Institute of Pharmaceutical Industry,  
Budapest, and Isotope Laboratory, Manufacturing Company for  
Fine Chemicals, Budapest.

KORMENDY, Karoly (Budapest VIII., Muzeum korut 4/b); VOLFORD, Janos  
(Budapest VIII., Muzeum korut 4/b)

The product formed from N-bromoethylphthalimide on the effect  
of alkali. Acta chimica Hung 32 no.1:115-120 '62.

1. Institut fur Organische Chemie der L. Eotvos  
Universitat, Budapest.

KORMENDY, Karoly (Budapest VIII., Muzeum korut 4/b); VOLFORD, Janos  
(Budapest VIII., Muzeum korut 4/b)

Data on the reactions in polyamine syntheses with phthaliminoalkyl  
haloids. II. Formation of phthalamide. Acta chimica Hung  
32 no.1:121-127 '62.

1. Institut fur Organische Chemie der L. Eotvos Universitat,  
Budapest.

*Kolpova, Bohuse*

Kolpova, Bohuse

Birthplace: Czechoslovakia

Birthdate:

Residence:

Publications: *Journal of Hygiene*, Vol V, No. 3, 1950, Nov 60, Page 511.

Notes:

Source:

Residence: Member of the Board of Chairman of Hygienic Work, comprised of the Medical and Hygienic Faculty of Karlov University, Prague. Also affiliated with the Department of Hygiene of the Hygienic and epidemiological station UNV hl. n. [?], Prague.  
Date: Co-author of "The Hazard of Styrene in the Production of Glass Laminates," Source, Page 511.

Source:

Residence: Member of the Board of Chairman of Hygienic Work, comprised of the Medical and Hygienic Faculty of Karlov University, Prague. Also affiliated with the Department of Hygiene of the Hygienic and epidemiological station UNV hl. n. [?], Prague.  
Date: Co-author of "The Hazard of Styrene in the Production of Glass Laminates," Source, Page 511.

Source:

Residence: Member of the Board of Chairman of Hygienic Work, comprised of the Medical and Hygienic Faculty of Karlov University, Prague. Also affiliated with the Department of Hygiene of the Hygienic and epidemiological station UNV hl. n. [?], Prague.  
Date: Co-author of "The Hazard of Styrene in the Production of Glass Laminates," Source, Page 511.

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Residence: Member of the Board of Chairman of Hygienic Work, comprised of the Medical and Hygienic Faculty of Karlov University, Prague. Also affiliated with the Department of Hygiene of the Hygienic and epidemiological station UNV hl. n. [?], Prague.  
Date: Co-author of "The Hazard of Styrene in the Production of Glass Laminates," Source, Page 511.

*But*

FODDANA, B.; HOLAN, V.; BILEK, J.; VOLFOVA, F.

The effect of compression treatment on pain in leg ulcers.  
Cesk. dermat. 40 no.5:322-325 O '65.

1. I. dermato-venerologicka klinika fakulty vseobecneho  
lekarsvi Karlovy University v Praze (prednosta prof. dr.  
J. Konoplik, DrSc.).

HOLAN, V.; TRNKA, J.; VOLFOVA, F.

Clinical experiences with a new modified bandage with sponge  
in crural ulcer. Cesk. dermat. 39 no.5:304-314 S '64.

1. I dermato-venerologicka klinika fakulty vseobecneho lekarstvi  
Karlovy University v Praze (prednosta prof. dr. J. Konopik, DrSc.).

HOLAN, Vladimir; technicka spoluprace VOI <sup>1</sup>FOVA, Frantiska

Function of a sponge in dressing the leg. Cesk. derm. 36 no. 7: 439-448  
'61.

1. I dermatovenerologicka klinika KU v Praze, prednosta prof. MUDr.  
Jan Konopik, Dr. Sc.

(LEG wds & inj) (BANDAGES)



VOLFOVA, Jarmila

Macrofauna of the Central Paleogene of eastern Slovakia. Geol  
Prace 63:93-97 '62.

1. Geologicky ustav G.Stura, Bratislava.

CZECHOSLOVAKIA

MARKUPOVA, E.; KRIZEK, J.; VOLFOVA, J.; Psychiatric Clinic, Faculty of General Medicine, Charles University (Psychiatricka Klinika Fakulty Vseobecneho Lekarstvi KU), Prague; Psychiatric Department Krajsky Institute of Public Health, Kraj of Central Bohemia (Psychiatricke Oddeleni KUNZ Stredoceskeho Kraje), Prague; Psychiatric Hospital (Psychiatricka Lecebna), Horni Berkovice.

"Arachnodactylia Connected with Mental Disorders."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 5, Oct 66, pp 329 - 331

Abstract [Authors' English summary modified]: Three cases of arachnodactylia with psychic alteration are described. The problem of a connection between developmental disturbances of such type and disturbances of mental functions occurring simultaneously are discussed. No references. (Manuscript received 10 Sep 65).

1/1

VOLFOVA, M.

1957. Influence of shape of dust particles on rate of phagocytosis  
in vitro. A. Langerova, V. Langer, M. Eslova, R. Tuscany,  
and M. Volfova. *Enst. J. Indust. Med.*, 1957, 14, 43-48 (Dept.  
Biophysics Inst. Industrial Hyg. Prague, Czechoslovakia).—Rates  
of phagocytosis by macrophages from chicken liver showed that  
"rounded" (spherical) particles are more easily consumed than  
"long" (cylindrical) ones. J. D. P. GRAHAM

VOLFOVA, V. Dr.

DVORAK, L., Dr.; KOUDELKA, Zd., Dr.; VOLFOVA, V., Dr.; REIZS, C., Dr.;

DVORAKOVA, M., Dr.

Effect of carbonic baths in spa on hypertension. Cas. lek. cesk.  
93 no.28:753-764 9 July 54.

1. Z III interni kliniky, prednosta prof. dr. J. Charvat (for  
Dvorak, Koudelka, Dvorakova) 2. Z Noveho vysetrovaciho a lec. u  
ustavu v Podebradech, prim. Dr. V. Volfova (for Volfova, Reizs)

(HYPERTENSION, therapy

\*carbonic baths)

(BALNEOLOGY, in various diseases

\*carbonic baths in hypertension)

Volfova, Vera

VOLFOVA, Vera, MUDr.; REISZ, Ondrej, MUDr.

Notes on therapy of hypertension with reserpine (serpasil). Cas.  
lek.cesk. 94 no.20:527-533 13 May 55.

1. Z II. lazenske lecebny Cas. statnich lazni v Podebradech, pri-  
marka MUDr Vera Volfova.

(HYPERTENSION, therapy,  
reserpine)

(RAUWOLFIA, ALKALOIDS, ther. use,  
reserpine in hypertension)

VOL'FOVICH, I., inzh.; KIRILLOV, N., arkhitektor.

Plans for 1-440 and 1-441 of one-family houses. Gor. i sel'  
stroi. no.12:21-23 D '57. (MIRA 11:2)  
(Architecture, Domestic--Designs and plans)

VOL'FOVICH, S.

Why is the Division of Technical Control too big? Sots.trud. no.11:107-  
109 N '56. (MIRA 10:1)

1. Nachal'nik OOT zavoda imeni K.Izhmnekhita, Dnepropetrovsk.  
(Dnepropetrovsk--Steel industry--Production standards)

VOL'FOVSKAYA, F.S., dotsent

Welding in the repair of rolling stock. Zhel.dor.transp. 43  
no.3:49-50 Mr '61. (MIRA 14:3)  
(Electric locomotives—Maintenance and repair) (Welding)



VOL'FOVSKAYA, F. S.

USSR/Engineering - Welding, Methods Jan 52

"New Method for Arc Welding of Cast Iron," K.K. Khrenov, Act Mem Acad Sci Ukrainian SSR, F.S. Vol'fovskaya, Engr

"Avtozen Delo" No 1, pp 3-6

Describes method of carbon arc welding without direct action of arc on base metal. Discusses expts for using various welding rods, including copper, bronzes and Ni-Cu alloy, 2-layer welding with formation of steel working surface, methods for testing welded joints, etc. Advantages of

212711

method: complete elimination of chilling effect in welded zone of cast iron, absence of hard inclusions in weld and high strength of joint.

212711

SOV-125-58-9-13/14

AUTHORS:

Vol'fovskaya, F.S., Voskoboynik, E.Z., and Garkavi, Ya.N.

TITLE:

Investigation of Causes of Crack Formation in Locomotive Removable Wheel Rims During Manual Welding of Local Wear With "U-340-PB" Electrodes (Issledovaniye prichin poyavleniya treshchin v bandazhakh lokomotivov pri ruchnoy naplavke mestnogo iznosa elektrodami U-340-PB)

PERIODICAL:

Avtomaticheskaya svarka, 1958, Nr 9, pp 93-98 (USSR)

ABSTRACT:

Experimental welding tests on worn out locomotive wheel rims were performed with the use of "U-340-PB" electrodes at the locomotive depot of the Nizhnedneprovsk junction, according to technology developed by TsNII MPS. Experimental investigation of stresses in wheel rims, to determine the causes of crack formation in welding, and metallographic and chemical analyses of the rim specimens are described. It was stated that the built-up metal content was different from that prescribed by TsNII MPS, in particular with regard to manganese concentration, and it was assumed that one of the causes for crack formation in the built-up metal was the chemical heterogeneity with respect to manganese. It is concluded that the used electrodes do not ensure the optimum

Card 1/2

SOV-125-58-9-13/14

Investigation of Causes of Crack Formation in Locomotive Removable Wheel  
Rims During Manual Welding of Local Wear With "U-340-PB" Electrodes

chemical composition of the built-up metal and reduce the  
quality of welding.

There are 3 graphs, 2 microphotos and 4 Soviet references.

ASSOCIATION: Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo trans-  
porta (Dnepropetrovsk Institute of Railroad Transport En-  
gineers)

SUBMITTED: March 23, 1958

1. Locomotives--Equipment 2. Steel--Fracture 3. Welding--Test  
results 4. Electrodes--Applications

Card 2/2

VOL'FOVSKAYA, F.: KHRENOV, Z.

"New Method for Arc Welding of Steel", Tr. from the Russian, P. 33,  
(RATSIONALIZATSIYA, Vol. 3, No. 10/11, Oct./Nov. 1953, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,  
Dec. 1954, Uncl.

[S.]  
YOL'FOVSKAYA, F.; KHRENOV, K.

"Thematic Plan for Rationalization Work in Agricultural Enterprises", P. 36,  
(RATSIONALIZATSIYA, Vol. 3, No. 10/11, Oct./Nov. 1953, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,  
Dec. 1954, Incl.

ACC NR: AP7002442

SOURCE CODE: UR/0219/66/000/012/0056/0053

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ORG: Giproniselektroshakht, Makeyevskiy Metallurgical Works (Giproniselektroshakht, Makeyevskiy metallurgicheskiy zavod)

TITLE: Hot hardness of the deposited layer of different materials

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 12, 1966, 56-68

TOPIC TAGS: high temperature coating, high temperature alloy, hardness, annealing

ABSTRACT: Bars and plates of type 45 steel were coated with 10 different materials by automatic welding on a U2 machine operating at 500 a, 28-30 v, a feed rate of 100 m/hr, under an AN-20 type flux. The coating thicknesses were 6 and 10 mm corresponding to either two or four welding passes. After coating, samples measuring 45 x 45 x 45 mm were cut for hot hardness testing. Hot hardnesses were obtained at temperatures ranging from 20 to 650°C on a Rockwell instrument by using a conical indenter and measuring the impression at room temperature. The samples were also tempered at temperatures ranging from 300 to 650°C and tested for hot hardness at the same temperatures. The relative error in measuring the impression was 1%, while the temperature of hot hardness testing did not vary by more than 15°C. The chemical compositions of

UDC: 621.791.92:620.178.152.342.42

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the coating materials are given; these were high temperature steels containing high carbon contents (0.72-3.10%) and alloyed with Si, Mn, Cr, W, Ni, V, and Ti. Hot hardness data were given as a function temperature, before and after tempering, for the 6 and 10 mm coatings. At 20°C all of the materials had a high hardness ( $R_c$  50-60). As the temperature increased the hardness decreased, especially at about 500°C. The hardness value above 500°C was an indication of the red hardness of the coating materials. After tempering, some materials such as 5Kh4V3FT, 5Kh4V3FTs, U20Kh17T, and U20Kh17T1 dropped in hot hardness to as low as 32-40  $R_c$  at 650°C. The two steels U30Kh25N4S4V8 and U25Kh23N4S3G were the most resistant to tempering. The following are listed in decreasing order of hot hardness and tempering resistance: U30Kh25N4S4V8, U25Kh23N4S3G, 3Kh2V8, Kh12VF, U20Kh17T1, U20Kh17T, 5Kh17T, 5Kh4V3FT, 5Kh4V3FTs, and 5Kh4V3F. Orig. art. has: 2 tables.

SUB CODE: 11/      SUBM DATE: none/      ORIG REF: 002

Card 2/2

VOL'FOVSKAYA, R. N.

✓ Problems in using methylene blue as antidote in poisoning by methemoglobin formers. R. N. Vol'fovskaya and L. P. Gorn' (Sci. Research Inst. ~~Research Institute~~ Occupational Diseases, Leningrad). *Farmakol. i Toksikol.* 17, No. 1, 30-8(1954).—In clinical trials as antidote for poison causing methemoglobinemia, methylene blue accelerated demethemoglobinization 1.0 to 3.4 times over the rates occurring without it.   
Julian P. Smith



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I.A., prof.; PARIYSKAYA, T.V., kand. med. nauk;  
ROZHDESTVENSKIY, V.I., doktor med. nauk; ROMANOVSKAYA, V.K.;  
TUR, A.F., prof.; KHVILIVITSKIY, T.Ya., prof.; KHROMOV, B.M.,  
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Combined effect of a high-frequency field and X-rays under industrial conditions. Gig. i san. 26 no.5:18-23 My '61. (MIRA 15:4)

1. Iz Leningradskogo instituta gigiyeny truda i professional'nykh zabolevaniy.

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[Preliminary and periodical examinations of workers] Pred-  
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A.V., kand. med. nauk

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radiation in industry. Gig. i san. 28 no.6:35-39 Je'63.  
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[Handbook on the construction of farm buildings] Spravochnik po sel'sko-  
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KOROLEV, Georgiy Osipovich, glavnyy inzhener; PAVLOV, Mikhail Andreyevich;  
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[Over-all mechanization of harvesting; experience in Stavropol  
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YALOVENKO, Fedor Ivanovich; KRYUKOV, V.L., redaktor; VOL'FOVSKAYA, V.N.,  
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batteries. Koks i khim. no.7:28-31 '65.

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LIKHOGB, Ye.P.; VOL'FOVSKIY, G.M.

Effect of the recirculation of combustion products on the heating  
of coal charges. Koks i khim. no.1:24-27 '62. (MIRA 15:2)

1. Koksokhimstantsiya.

(Coke)

KAFTAN, S.I.; VOL'FOVSKIY, G.M.

Automation of air feeding to coke ovens. Koks i khim. no.2:29-30  
'64. (MIRA 17:4)

1. Koksokhimstantsiya.

VOL'FOVSKIY, G.M. ; KRUPATKINA, R.K. ; IVANOV, A.I.

Regulation of PVR ovens equipped with separate regenerators in the  
course of heating with coke gas. Koks i khim. no.11:25-29 '60.  
(MIRA 13:11)

1. Koksokhimstantsiya.

(Coke ovens)

KAFTAN, S.I.; VOL'FOVSKIY, G.M.

Heating the combustion flues of coke-oven tops. Koks i khim.  
no.4:26-31 '61. (MIRA 14:3)

1. Koksokhimstantsiya.  
(Coke ovens)



TSEYTLIN, L.A.; TARASOVA, T.Ye.; KVASHA, A.S.; VOL'FOVSKIY, G.M.;  
SHARCHILEV, V.I.; SAKOVSKIY, D.Ya.

Using gunite paste with a phosphate binder base for the hot  
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(for TSeytlin, Tarasova). 2. Koksokhimstantsiya (for Kvasha,  
Vol'fovskiy). 3. Khar'kovskiy koksokhimicheskiy zavod (for  
Sharchilev). 4. Gosudarstvennaya inspektoriya po sluzhbe i  
kachestvu ogneuporov (for Sakovskiy).  
(Coke ovens—Maintenance and repair)  
(Gunite)

KRIVORUCHKO, Semen Semenovich; VOL'FOVSKIY, G.M., otv. red.; LIBERMAN, S.S., red. izd-va; ANDREYEV, S.P., tekhn. red.

[Individual and crew training of the mason in the refractory laying of coke ovens] Kamenshchik огнеупорной кладки коксовых печей; dlia individual'no-brigadnogo obucheniia rabochikh. Moskva, Metallurgizdat, 1963. 216 p. (MIRA 16:8)  
(Coke ovens)

VOL'FOVSKIY, G.M.; IVANOV, A.I.

Distribution of coke-oven gas along oven walls in a double gas fitting system for admission of heating gases. Koks i khim. no.8:21-24 '60. (MIRA 13:8)

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(Coke ovens)

L 43089-66 EWT(m)/EWF(t)/ETI IJP(c) JH/JD

ACC NR: AR6014365 (A,N)

SOURCE CODE: UR/0137/65/000/011/G029/G029

AUTHORS: Shevtsov, M. A.; Vol'fovskiy, G. S.

TITLE: Selection of efficient energy carriers for smelting of aluminum alloys

SOURCE: Ref. zh. Metallurgiya, Abs. 11G212

REF SOURCE: Elektrotermiya. Nauchno-tekhn. sb., vyp. 44, 1965, 38-41

TOPIC TAGS: induction furnace, metal melting, aluminum alloy

ABSTRACT: The work carried out at VNII ETO has shown that the savings realized in the smelting of Al in induction furnaces is  $> 5$  million rubles per 1 million tons of Al-alloys (higher quality, smaller nonreplaceable losses). It is therefore recommended that the reflecting type furnaces be replaced with electrical crucible type induction furnaces in all future and presently operating smelters. The necessity of planning in obtaining ingots of a given chemical composition in induction furnaces by the use of liquid electrolyzer charge is pointed out. V. Semakin [Translation of abstract]

SUB CODE: 13

Card 1/1 *gd*

UEG 669.71.018.9

VOL'FOVSKIY, M.I., podpolkovnik, voyenny shturman pervogo klassa;  
MOSHAROV, P.V., podpolkovnik, voyenny shturman pervogo klassa

Flight with a variable profile. Vest.Vozd.Fl. no.7:38-40 JI  
'61. (MIRA 14:8)  
(Navigation (Aeronautics))

VOL'FOVSKIY, O.I.

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and psychiatric hospitals of the Ukrainian S.S.R. Zmur.nevr.i psikh.  
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(Ukraine--Psychiatry) (Psychiatry--Ukraine)

KOVALENKO, P.I., st. nauchn. sotr., red.; STEPANENKO, O.R., st. nauchn. sotr., red.; LITVAK, L.B., zasl. deyatel' nauki prof., red.; VOL'FOVSKIY, O.I., dots., red.; VORONEV, G.L., red.

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Izd.3., ispr. i dop. Kiev, Zdorov'ia, 1964. 92 p.  
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GUTYUK, V.G.; VOL'FOVSKIY, V.D.

Surgery on the heart with incomplete suturing of the pericardium.  
Zdrav. Kazakh. 16 no.8:39-40 '56. (MIRA 10:1)

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(HEART--SURGERY) (PERICARDIUM--SURGERY)



BELINSKAYA, L.P.; VOL'FOVSKIY, V.D.

Treatment of chronic pyelonephritis. Vrach. delo no.8:45-50  
Ag'63. (MIRA 16:9)

1. Kafedra terapii (zav. - prof. Yu.D.Shul'ga) i fakul'tet-  
skoy khirurgii (zav. - prof. A.Z.Tseytlin) Khar'kovskogo me-  
ditsinskogo instituta.  
(KIDNEYS--DISEASES)

VOL'FOVSKIY, V.D.

Mycerin therapy of urological and surgical patients with purulen infections. Urologia no.5:25-29 '62. (MIRA 15:12)

1. Iz khar'kovskoy oblastnoy klinicheskoy bol'nitsy i fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.Z. TSeytlin) Khar'kovskogo meditsinskogo instituta.  
(ANTIBIOTICKS) (UROLOGY)

DANILOVIC, F. Rustembegovic; NUMIC, M.; ~~NUMIC~~ VOLFRAM, D.

Solu-biloptin as a new preparation for cholecysto-cholangiographic practice. Med. arh. 16 no.2:39-44 '62.

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(Sef: prof. dr I. Brkic) Institut za rendgenologiju Klin. bolnice Med.  
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(CHOLECYSTOGRAPHY) (CHOLANGIOGRAPHY)  
(CONTRAST MEDIA)

TSEKHOVOL'SKAYA, D.I.; ZAVARITSKAYA, T.A.; Prinimala uchastiyet: VOL'FRAM, Is.  
diplomantka

Determination of some impurities in silicon tetrachloride by the method  
of infrared spectroscopy. Trudy Kom.anal.khim. 13:394-404 '63.  
(MIR<sup>n</sup> 16:5)

1. Leningradskiy gosudarstvennyy universitete (for Vol'fram).  
(Silicon chlorides--Absorption spectra)